

Converting Colors

XYZ(47.1158, 52.2244, 39.4953)

Have a look what the booklet for
XYZ(47.1158, 52.2244, 39.4953)
contains.

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Color

**XYZ(47.1158, 52.2244,
39.4953)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C29D
RGB	192, 194, 157
RGB Percent	75%, 76%, 62%
CMY	0.2471, 0.2392, 0.3843
CMYK	0.01, 0.00, 0.19, 0.24
HSL	63°, 23%, 69%
HSV	63°, 19%, 76%
XYZ	47.1158, 52.2244, 39.4953
YIQ	189.1840, 10.6850, -11.9310

Conversions

Conversions Part 2

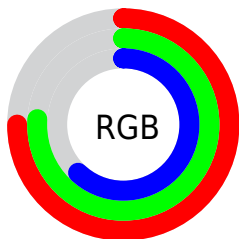
Format	Color
RYB	157, 194, 159
Decimal	12632733
CIELab	77.41, -6.94, 18.43
CIELCh	77, 19.688, 110.634
Yxy	52.2244, 0.3394, 0.3762
Android (android.graphics.Color)	4290822813 (0xFFC0C29D)
YUV	189.1840, -15.8667, 2.4696
Hunter-Lab	72.2665, -10.0890, 18.1831

Details

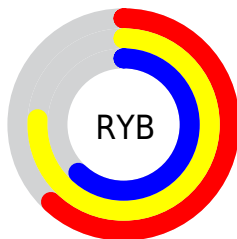
The XYZ color **47.1158, 52.2244, 39.4953** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.0947, 35.3813, 55.9688**, and the grayscale version is **48.5599, 51.0888, 55.6357**.

A 20% lighter version of the original color is **85.1362, 93.2644, 75.8020**, and **22.4608, 25.2000, 17.3160** is the 20% darker color. If you saturate the color by 10%, you get **45.3246, 51.4791, 31.4412**, and if you desaturate by 10%, it is **49.1747, 53.0806, 48.9370**.

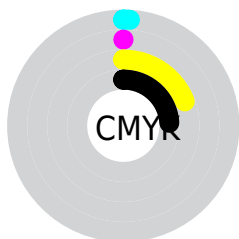
Distribution



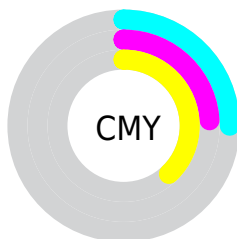
- Red (75%)
- Green (76%)
- Blue (62%)



- Red (62%)
- Yellow (76%)
- Blue (62%)



- Cyan (1%)
- Magenta (0%)
- Yellow (19%)
- Black (24%)



- Cyan (25%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.1158, 52.2244, 39.4953 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 47.1158, 52.2244, 39.4953 by changing the saturation by 10% instead.

■ 47.1158, 52.2244,
39.4953

■ 47.1158, 52.2244,
39.4953

365.9178,
395.3023, 359.4804

■ 33.3355, 37.1840,
26.8345

■ 85.1041, 93.4621,
75.6230

■ 22.5441, 25.3500,
17.2176

■ 110.0429,
120.4282, 99.9270

■ 14.3761, 16.3380,
10.2262

139.4319,
152.1382, 128.9491

■ 8.4661, 9.7636,
5.4416

173.6365,
188.9767, 163.1078

■ 4.4489, 5.2425,
2.4454

213.0221,
231.3279, 202.8218

■ 1.9591, 2.3903,
0.8110

257.9539,

■ 0.6108, 0.8209,

279.5763, 248.5095

0.0000

308.7973,
334.1063, 300.5895

■ 0.0000, 0.0000,
0.0000

■ 47.1158, 52.2244,
39.4953

■ 47.1158, 52.2244,
39.4953

■ 45.3246, 51.4791,
31.4412

■ 49.1747, 53.0806,
48.9370

■ 43.7847, 50.8327,
24.7061

■ 51.5087, 54.0452,
59.8238

■ 42.4839, 50.2822,
19.2206


■ 54.1301, 55.1251,
72.2141


■ 41.4077, 49.8217,
14.9077


■ 57.0492, 56.3243,
86.1622


■ 40.5398, 49.4448,
11.6820


■ 60.2759, 57.6467,
101.7194


 39.8617, 49.1440,
9.4461


 60.7125, 57.8533,
102.5746


 39.3517, 48.9107,
8.0858

 60.9911, 57.9969,
102.5877

 38.9724, 48.7298,
7.4034

 61.2716, 58.1415,
102.6008

 38.9393, 48.7139,
7.3504

 61.5540, 58.2871,
102.6140

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.8322, 52.2244, 38.6700



47.1158, 52.2244, 39.4953



44.2186, 52.2244, 44.6357

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.1158, 52.2244, 39.4953



45.1611, 52.2244, 74.5569



57.1742, 52.2244, 60.3253

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



47.1158, 52.2244, 39.4953



36.0947, 35.3813, 55.9688

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.4825, 52.2244, 71.1424



47.1158, 52.2244, 39.4953



48.4621, 52.2244, 80.0202

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



47.1158, 52.2244, 39.4953



43.1305, 52.2244, 64.5331



52.2481, 52.2244, 78.6969



56.7686, 52.2244, 49.8270

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.1158, 52.2244, 39.4953



43.0804, 52.2244, 50.2249



52.2481, 52.2244, 78.6969



56.8289, 52.2244, 64.0627

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



47.1172, 52.2267, 39.4964



90.2931, 96.6623, 94.2518



40.7080, 38.6497, 37.2136



19.7133, 21.1432, 20.3613



0.0000, 0.0000, 0.0000



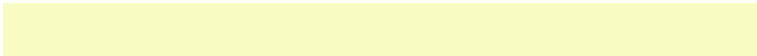
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.1172, 52.2267, 39.4964



83.9085, 94.0119, 64.9905



42.7572, 49.9791, 39.2924



10.8578, 11.7297, 10.7537



25.6227, 32.0379, 4.8335



1.1238, 1.3929, 0.2096

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



36.0947, 35.3813, 55.9688



60.1856, 57.7550, 100.4455



40.0075, 37.3984, 56.1519



9.5777, 9.7734, 12.6665



6.5111, 2.6170, 33.7186



0.2991, 0.1222, 1.4577

Previews

White Background



This preview shows how the XYZ color 47.1158, 52.2244, 39.4953 looks on a white background.

Color Contrast Check

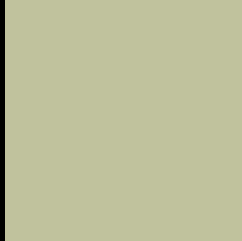
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 47.1158, 52.2244, 39.4953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

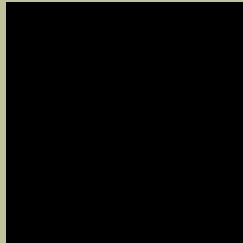
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.1158, 52.2244, 39.4953

Background



This preview shows how black text looks on a background with the XYZ color 47.1158, 52.2244, 39.4953.



This preview shows how white text looks on a background with the XYZ color 47.1158, 52.2244,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

47.1158, 52.2244, 39.4953

Protanopia

48.9043, 52.1847, 38.5055

Deuteranopia

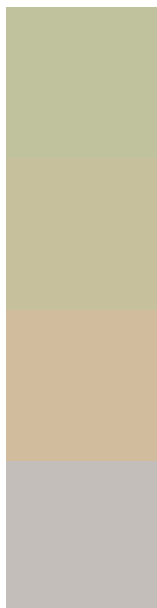
53.2173, 52.1563, 40.0632



Tritanopia

52.0514, 52.2840, 63.8483

Trichromacy



Original Color

47.1158, 52.2244, 39.4953

Protanomaly

48.1391, 52.1053, 38.9726

Deuteranomaly

50.7331, 52.1367, 39.7372

Tritanomaly

50.0413, 52.1078, 53.8747

Monochromacy



Original Color

47.1158, 52.2244, 39.4953

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

47.8018, 51.3831, 48.9935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1158, 52.2244, 39.4953 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(192, 194, 157)` looks like.

```
.text, #text, p{  
    color:rgb(192, 194, 157)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(192, 194, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 194, 157) }
```

Border

The CSS property to change the border of an element to XYZ 47.1158, 52.2244, 39.4953 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 194, 157) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(192, 194, 157) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(192, 194, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 194, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 194, 157);  
box-shadow:4px 4px 4px 4px rgb(192, 194,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1158, 52.2244, 39.4953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 194, 157) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(192,  
194, 157) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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